

David A Feldheim

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

908
citations

758635

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1125271

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docs citations

18
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult Expression of Tbr2 Is Required for the Maintenance but Not Survival of Intrinsically Photosensitive Retinal Ganglion Cells. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 826590.	1.8	2
2	High-frequency hearing is required to compute a topographic map of auditory space in the mouse superior colliculus. <i>ENeuro</i> , 2022, 9, ENEURO.0513-21.2022.	0.9	1
3	Nonlinear visuoauditory integration in the mouse superior colliculus. <i>PLoS Computational Biology</i> , 2021, 17, e1009181.	1.5	7
4	Spectral cues are necessary to encode azimuthal auditory space in the mouse superior colliculus. <i>Nature Communications</i> , 2020, 11, 1087.	5.8	18
5	Expression of transcription factors divides retinal ganglion cells into distinct classes. <i>Journal of Comparative Neurology</i> , 2019, 527, 225-235.	0.9	32
6	The Mouse Superior Colliculus: An Emerging Model for Studying Circuit Formation and Function. <i>Frontiers in Neural Circuits</i> , 2018, 12, 10.	1.4	112
7	Segregation of Visual Response Properties in the Mouse Superior Colliculus and Their Modulation during Locomotion. <i>Journal of Neuroscience</i> , 2017, 37, 8428-8443.	1.7	64
8	Corticothalamic Axons Are Essential for Retinal Ganglion Cell Axon Targeting to the Mouse Dorsal Lateral Geniculate Nucleus. <i>Journal of Neuroscience</i> , 2016, 36, 5252-5263.	1.7	41
9	Ephrins are required for the topographic mapping but not laminar choice of physiologically distinct RGC types. <i>Developmental Neurobiology</i> , 2015, 75, 584-593.	1.5	13
10	Stochastic Interaction between Neural Activity and Molecular Cues in the Formation of Topographic Maps. <i>Neuron</i> , 2015, 87, 1261-1273.	3.8	30
11	Tbr2 Is Required to Generate a Neural Circuit Mediating the Pupillary Light Reflex. <i>Journal of Neuroscience</i> , 2014, 34, 5447-5453.	1.7	52
12	Dendritic and axonal targeting patterns of a genetically-specified class of retinal ganglion cells that participate in image-forming circuits. <i>Neural Development</i> , 2014, 9, 2.	1.1	43
13	Developmental Mechanisms of Topographic Map Formation and Alignment. <i>Annual Review of Neuroscience</i> , 2013, 36, 51-77.	5.0	252
14	Cadherin-6 Mediates Axon-Target Matching in a Non-Image-Forming Visual Circuit. <i>Neuron</i> , 2011, 71, 632-639.	3.8	137
15	Retinal Input Instructs Alignment of Visual Topographic Maps. <i>Cell</i> , 2009, 139, 175-185.	13.5	103